

LOG BOOK

IN CIVIL TIME.

By Captain Howard Patterson.

PUBLISHED BY

JOHN BLISS & CO.,

128 Front Street,

NEW YORK.

It is customary for Navigators at present to keep their Log Books in Civil Time, the day beginning and ending at midnight, as on shore. This form will be found much more convenient than the old style, as it is ruled to accommodate this later manner of keeping the Log, and is supplied with 12 o'clock position rulings inserted where they properly belong. When using this Book carry the same date from midnight to midnight, instead of changing it at noon as formerly.

Journal

from Portland towards Greenstone

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	day of	18
A.M. 1			Ship in port & on Jan 15 th					Started to load with Wheat		
2			Jan 17 th Stop loading Ship					Draught 19 feet even keel		
3			23682 Sacks of Wheat. at 14 5/8 long tons on board							
4										
5			Jan 18 th at 1.30 P.M. took Steam & started down							
6			The River in tow with the Steamer S. J. Reed							
7			and at 5.30 P.M. came to anchor. Tiding light							
8			and whatman attended to.							
9										
10			Jan 19 th at 11 A.M. have up the anchor & started down							
11			The River towed with the same Steamer and at							
12			2 P.M. Ship stuck on St. Elms bar but came off all by							
			at 2 P.M. the Ship went a shore took Soundings and							
			Course. Distance. Dir. of Lat. Departure. Lat. by D. R. Lat. by Obs. Variation. Diff. of Lon. Lon. by D. R. Lon. by Obs.							

NOON.			Found Under 18 feet forward & 19 feet aft							
1			The Steamer down her best to get her off but							
2			found no use after parting a new tow							
3			7 P.M. Ship going very easy & no more making							
4			any water Soundings attended							
5										
6			Jan 20 th 3 Steamer came & towed the Ship off &							
7			We started down the River Ship all right							
8			and at 5.30 P.M. came to anchor off Trade point							
9										
10			Jan 21 st at 1 P.M. gate on the way again & at 6 P.M.							
11			came to anchor							
P.M. 12										

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.	day of	18
A.M. 1			Jan 22 nd					arrived in Astoria		
2			Jan 23 rd					Ship waiting for cargo		
3			Jan 24 th					Ship waiting for cargo		
4			" 25 th					Taking in cargo		
5			" 26 th					Ship waiting for cargo		
6			" 27 th					Loading		
7			" 28 th					Ship all loaded 32182 Sacks of Wheat on Board		
8								Draught 21 1/2 even keel		
9										
10										
11										
12										

Log of the Challenger West of Portland towards New York

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

6.12 AM Boat at Noon and signal
which left Portland in tow of
boat
Made all sail except foremast
and main foremast & fore
Chased up sails put fenders and
moving lines below and set the water
14 knots before the mast and down
Boatman & P.M. & Lambourn head
light at 11 1/2 miles off by light
12 P.M. & Lambourn head NW 25 miles
Dressed Royals

Journal from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1				SW					2nd day of July 1890
2									3.11. 1st up with 1st
3				SW					2nd day of July 1890
4				SW					3.11. 1st up with 1st
5				SW					2nd day of July 1890
6				SW					3.11. 1st up with 1st
7				SW					2nd day of July 1890
8				SW					3.11. 1st up with 1st
9				SW					2nd day of July 1890
10				SW					3.11. 1st up with 1st
11				SW					2nd day of July 1890
12				SW					3.11. 1st up with 1st

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

1									Wednesday 31 July 1890
2									3.15. 1st up with 1st
3									
4									
5									
6									
7									
8									
9									
10									
11									
P.M. 12									

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1				SW					Wednesday 31 July 1890
2				SW					3.11. 1st up with 1st
3				SW					2nd day of July 1890
4				SW					3.11. 1st up with 1st
5				SW					2nd day of July 1890
6				SW					3.11. 1st up with 1st
7				SW					2nd day of July 1890
8				SW					3.11. 1st up with 1st
9				SW					2nd day of July 1890
10				SW					3.11. 1st up with 1st
11				SW					2nd day of July 1890
12				SW					3.11. 1st up with 1st

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

1	10								Thursday 1 Aug 1890
2									3.11. 1st up with 1st
3									2nd day of July 1890
4									3.11. 1st up with 1st
5									2nd day of July 1890
6									3.11. 1st up with 1st
7									2nd day of July 1890
8									3.11. 1st up with 1st
9									2nd day of July 1890
10									3.11. 1st up with 1st
11									2nd day of July 1890
P.M. 12									3.11. 1st up with 1st

56.11. 1st up with 1st

Journal from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1				SW					Thursday 1 day of July 1890
2				SW					3.11. 1st up with 1st
3				SW					2nd day of July 1890
4				SW					3.11. 1st up with 1st
5				SW					2nd day of July 1890
6				SW					3.11. 1st up with 1st
7				SW					2nd day of July 1890
8				SW					3.11. 1st up with 1st
9				SW					2nd day of July 1890
10				SW					3.11. 1st up with 1st
11				SW					2nd day of July 1890
12				SW					3.11. 1st up with 1st

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

1	5								Thursday 1 day of July 1890
2									3.11. 1st up with 1st
3									2nd day of July 1890
4									3.11. 1st up with 1st
5									2nd day of July 1890
6									3.11. 1st up with 1st
7									2nd day of July 1890
8									3.11. 1st up with 1st
9									2nd day of July 1890
10									3.11. 1st up with 1st
11									2nd day of July 1890
P.M. 12									3.11. 1st up with 1st

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1				SW					Friday 1 day of August 1890
2				SW					3.11. 1st up with 1st
3				SW					2nd day of July 1890
4				SW					3.11. 1st up with 1st
5				SW					2nd day of July 1890
6				SW					3.11. 1st up with 1st
7				SW					2nd day of July 1890
8				SW					3.11. 1st up with 1st
9				SW					2nd day of July 1890
10				SW					3.11. 1st up with 1st
11				SW					2nd day of July 1890
12				SW					3.11. 1st up with 1st

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.									

1	5								Friday 1 day of August 1890
2									3.11. 1st up with 1st
3									2nd day of July 1890
4									3.11. 1st up with 1st
5									2nd day of July 1890
6									3.11. 1st up with 1st
7									2nd day of July 1890
8									3.11. 1st up with 1st
9									2nd day of July 1890
10	6								3.11. 1st up with 1st
11									2nd day of July 1890
P.M. 12									3.11. 1st up with 1st

56.11. 1st up with 1st

Journal from West Hartlepool towards New York

Journal from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	✓		N 1/2 E	N by W 1/2 W				Modest breeze & fine weather
2								Clouds clearing in forenoon
3								
4	8		N 1/2 E	N 1/2 W				Pumps carefully attended
5								
6			N 1/2 W	N 1/2 W				Tacked ship to the S.W.
7				W 1/2 S				Set anchor
8	6							8 P.M. 2 mi Island bore N 1/2 E
9								dis 9 mi from which I take my departure
10								9.30 Red lights put out
11								
12								Midnight fresh breeze & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	N 1/2 W	123	50.8	111.1	59.50	N 1/2	24 W	216 m	5.0 W
1	11	N 1/2 W	W 1/2 S						
2	11								Increasing breeze tacked Royals & sprits
3	11	N 1/2 W	N 1/2 W						and foremast
4	11	N 1/2 W	N 1/2 W						3.30 Look in Red lights
5	1/2								shell increasing tacked fore and main
6									topgallants out on 1st & 2nd st. & fore
7									6 in main topgallant
8									shell increasing in forenoon & apparently S.W.
9	6 1/2								
10									Modest gale good look out
11									sun obscured
P.M. 12									Now Modest gale & hazy weather

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	4 1/2		N 1/2 W	N by S				Friday 5 day of August 1890
2								Gale moderating passed a ship the North
3								Lead working under easy sail
4								
5	4 1/2		N 1/2 W	N by S				At 12 moderating
6								Set upper 1st top all and set 1st st
7	5		N 1/2 W	W 1/2 S				Y 1st moderating out main top gallant
8								Pumps carefully attended to
9	6 1/2		N 1/2 W	N 1/2 W				
10								8.40 Put out red lights
11								Shut work light rain
12								Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	N 1/2 W	41 miles	54.5 W	22.0 W	60.5 W	N 1/2	24 W	404 m	5.4 W
1	6 1/2	N 1/2 W	N by S						
2		N 1/2 W							
3									
4									Look in Red lights & select
5	5 1/2	South	N 1/2 W						lighted Greenland. Tacked ship
6									and bearing N 1/2 W
7	5 1/2	S 1/2 E	S 1/2 W						Saw a large ship standing to the S
8	5 1/2								
9	4								Look anchors on board
10									O. Current set the ship N 1/2 E
11									Magazine 48 miles
P.M. 12									Clouds clearing in forenoon. Tacked ship. Moderate & clear

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	5		N 1/2 E	S 1/2 W				Monday 4 day of August 1890
2	6							Clouds clearing in forenoon
3	9	5	N 1/2 W	N 1/2 W				Shut work light rain
4								
5	7		N 1/2 W	N by S				Wore ship
6	7							Pumps carefully attended to
7	7	5	S 1/2 W	W 1/2 S				
8	7							Severe and clear weather moderate breeze
9	5		S 1/2 W					Put out red lights
10								lighted the steam trawlers
11								
12								Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	N 1/2 W	42 m	5.00 N	11.09 W	61.02 S	24 W	147 m	8.11 W	N 1/2
1	5	S 1/2 W	N by S						
2	5								
3	5	South	N 1/2 W						Look in red lights
4	5								Wore ship
5	5	N 1/2 W							
6	5								Out fore and main topgallants
7	5								
8	5								
9	5	N 1/2 W	N by S						Monied Current N 1/2 E 48 miles
10									Clouds employed scraping during in
11	7								forenoon painting iron work repair
P.M. 12	7								ing & masts &c

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	4		S 1/2 W	N by S	1/2			Monday 5 day of August 1890
2	4							Wore ship
3	4							Clouds employed as yesterday
4	4							
5	4		South	N 1/2 W				
6	4							Light air and calm
7	2	5						Pumps carefully attended to
8	2							8.40 Put out red lights
9	2		S 1/2 W					Light variable air
10	2							
11	4		S 1/2 W	N 1/2 W				
12	4		S 1/2 W					Midnight moderate breeze and cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	S 1/2 E	59 miles	50.6	30.94	59.53	N 1/2	24 W	65 m	4.11 W
1	3	S 1/2 W	N 1/2 W						
2	3								
3	3								Set out fore and main royal
4	3								Look in red lights
5	4	S 1/2 E	N 1/2 W						Worked decks
6	4								
7	6	S 1/2 W	N 1/2 W						Out fore and main royal
8	6								Clouds scraping and painting in
9	5	S 1/2 W	N 1/2 W						forenoon
10	5								Severe weather moderate breeze
11	5								Now clear sighted S.W. by S 1/2 W
P.M. 12	5								bearing S 1/2 W 48 mi. Tacked ship

Ship Challenger
Journal from West Portpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	6	2 1/2	N by W 1/2 W	W est				6 th day of August 1890
2	6	2 1/2	"	"				Drums employed as yesterday
3	6	2 1/2	N by W 1/2 W	"				772 212 set to best advantage
4	6	2 1/2	"	"				except sparrows
5	6	2 1/2	N 1/2 W	"				
6	6	2 1/2	"	"				
7	9	5	N 1/2 W 1/2 N	W D W				Pumps carefully attended to
8	9	5	"	"				2 fresh breeze and clear
9	8		"	"				Put out sidelights
10	8		"	"				Loaded the three Royals
11	8		"	"				so low and they set 30 lbs & bala for
12	8		"	"				Midnight strong breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/2 W	98 m	22.20 N	98.20 W	58.15	58.02	30 W	196 m	4.50 W	See

1	4		N 1/2 W	W est					
2	4		N 1/2 W 1/2 N	"					
3	4		N 1/2 W	"					
4	4		"	"					
5	4 1/2		N 1/2 W	"					
6	5		"	"					
7	5		"	"					
8	5		"	"					
9	5		N 1/2 W 1/2 N	"					
10	5		"	"					
11	4 1/2		N 1/2 W	"					
P.M. 12	4 1/2		"	"					

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	2	5	South	W D W				1 st day of August 1890
2	2	5	"	"				Light breeze and calm
3	2	5	"	"				5.30 took in sidelights
4	2	5	"	"				Drums employed as yesterday
5	3		N 1/2 W 1/2 N	S W				Loaded ship
6	3		"	"				Light breeze
7	3		"	"				
8	3		"	"				
9	3		N 1/2 W	"				Pumps carefully attended to
10	3		N 1/2 W	S D W				9.30 put out sidelights
11	2		"	"				
12	2		"	"				Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
S 1/2 W	97 miles	43.05 S	97.14	57.19 S	57.33 S	20 W	148 m	10.05 W	See

1	5		N 1/2 W	S D W					
2	5		"	"					
3	5		"	"					
4	5		"	"					
5	4 1/2		N 1/2 W	"					
6	4 1/2		"	"					
7	4 1/2		N 1/2 W 1/2 N	"					
8	4 1/2		N 1/2 W	"					
9	4		"	"					
10	4		"	"					
11	4		"	"					
P.M. 12	4		"	"					

Ship Challenger
Journal from West Portpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	5	5	N by N	"				1 st day of August 1890
2	5	5	"	"				Drums as yesterday
3	5	5	N 1/2 W	"				Drum and sailing with moderate
4	5	5	"	"				breeze started look out
5	5	5	N 1/2 W	S D W				
6	5	5	N 1/2 W	"				
7	5	5	N 1/2 W	"				Pumps carefully attended to
8	5	5	N 1/2 W	"				Calm and light breeze
9	5	5	N 1/2 W	"				3.40 Put out sidelights
10	5	5	"	"				
11	5	5	"	"				
12	5	5	"	"				Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/2 W	93 miles	33.8 S	93.0 W	57.05 S	57.04 S	30 W	158 m	12.44 W	See

1	4		N 1/2 W	S D W					
2	4		"	"					
3	4		N 1/2 W	S D W					
4	4		"	"					
5	4 1/2		"	"					
6	4 1/2		"	"					
7	4 1/2		"	"					
8	4 1/2		"	"					
9	5		"	"					
10	5		"	"					
11	5		"	"					
P.M. 12	5		"	"					

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	5	5	N 1/2 W	S D W				2 nd day of August 1890
2	5	5	"	"				Drums as yesterday
3	5	5	"	"				Wind gradually turning yards occa
4	5	5	"	"				sionally
5	5	5	"	"				
6	5	5	"	"				
7	5	5	"	"				Pumps carefully attended to
8	5	5	"	"				9.30 Put out sidelights
9	6	5	"	"				
10	6	5	"	"				
11	6	5	"	"				
12	6	5	"	"				Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/2 W	110	65.19 S	94.4 W	55.58 S	55.58 S	30 W	154 m	15.18 W	15.50 W act

1	4		N 1/2 W	S D W					
2	4		"	"					
3	4		"	"					
4	4		"	"					
5	4 1/2		"	"					
6	4 1/2		"	"					
7	4 1/2		"	"					
8	4 1/2		"	"					
9	5		"	"					
10	5		"	"					
11	5		"	"					
P.M. 12	5		"	"					

Journal from West Larkpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	2	5	N by W	0				Sunday 10 th day of August 1890
2	2	5						Very light breeze
3	2	5	N by E					Light variable air and calm
4	2	5						Pumps carefully attended to
5	1		N by E					Visible birds swimming yards
6	1							at intervals
7	4							8.30 W at end of daylight
8	4							
9	2							
10	2							
11	2							
12	2							Midnight calm and cloudy

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	55 ^W	55 ^m	19.90	58.7 ^W	57.39 ^W	14.3 ^W	119 ^m	16.19 ^W	16.19 ^W
1	5								
2	5								Light air from E to E. S. E.
3	5								
4	5								4.45 in daylight
5	10								
6	0								
7	10								
8	1								
9	2								Boats returning for peak and
10	2								breaking out of clouds
11	2								
P.M. 12	2								Noon cloudy few clouds

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	8		N by E	N by E				Monday 11 th day of August 1890
2	8							Increasing breeze landed royal for
3	8							4.30 S. S. E. breeze in sea
4	11							and main topgallant breeze in sea
5	11	5						5.30 in daylight
6	11	5						
7	9							Boats carefully attended to
8	9							steady strong breeze & clear 8.30 out
9	10							daylight
10	10							
11	10							
12	11							Midnight strong breeze & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	54 ^W	54 ^m	19.90	58.7 ^W	57.39 ^W	14.3 ^W	119 ^m	16.19 ^W	16.19 ^W
1	9								
2	9								
3	9								
4	9								Not sailing but main topgallant sail
5	10								
6	10								4.30 S. S. E. breeze still moder-
7	10								ating at 22 variable force
8	11								except for clouds
9	11	5							Boats employed as yesterday
10	11	5							
11	11	5							Noon fresh breeze and cloudy
P.M. 12	11	5							

Journal from West Larkpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	10		N by E	N by E				Tuesday 12 th day of August 1890
2	10							Boats employed as yesterday
3	7		N by E	N by E				5.30 S. S. E. breeze in sea
4	7							and main topgallant breeze in sea
5	8	5						5.30 in daylight
6	8	5						
7	8	5						Boats carefully attended to
8	8	5						Boats to fresh breeze from W
9	8		N by E	N by E				to N by E
10	7							3 boats, 4 boats, 5 boats
11	7							6 boats, 7 boats, 8 boats
12	7							Midnight fresh breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	56 ^W	56 ^m	19.90	58.7 ^W	57.39 ^W	14.3 ^W	119 ^m	16.19 ^W	16.19 ^W
1	11								
2	11								
3	11								
4	10								
5	9								
6	9								
7	9								
8	9								
9	9								Boats returning for peak and
10	9								breaking out of clouds
11	8								
P.M. 12	8								Noon strong breeze & cloudy

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	6	5	N by E	N by E				Wednesday 13 th day of August 1890
2	6	5						Boats employed as yesterday
3	6	5						5.30 S. S. E. breeze in sea
4	6	5						and main topgallant breeze in sea
5	7							5.30 in daylight
6	7		N by E	N by E				
7	7		N by E	N by E				Boats carefully attended to
8	7							Boats to fresh breeze from W
9	6	2	N by E	N by E				to N by E
10	6	3						3 boats, 4 boats, 5 boats
11	6	2						6 boats, 7 boats, 8 boats
12	6	3						Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	57 ^W	57 ^m	19.90	58.7 ^W	57.39 ^W	14.3 ^W	119 ^m	16.19 ^W	16.19 ^W
1	5								
2	6								
3	5								
4	5								
5	5								
6	8								
7	8								
8	8								
9	8								
10	4	5							Boats employed as yesterday
11	4	5							
P.M. 12	4	5							Noon fresh breeze and cloudy

Journal from West Hartlepool towards New York

Journal from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	5		S by W	NW	2 ft			Clouds universally employed
2	5				2			
3	5				2			
4	5				2			Out since 7.15 & Main topmast stays & bel spraker
5	6		S by W					
6	6							
7	6							7.30 bel 2nd & Main topmast stays & bel spraker
8	6							7 bel sidings & pumps attended
9	6		W by N					gale moderating
10	7							
11	7							
12	7							Midnight strong breeze & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	223.4	182 m	167.5	41.6	45.34	47.10	20° W	126 m	24.38 W
1	8	W by N							
2	9								
3	9	S by W							
4	9								
5	10								
6	10								
7	10								
8	9								
9	10	W by N							
10	10								
11	10								
P.M. 12	10								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	7		W by N	NW				Clouds as yesterday
2	9							
3	9							3 bel Mainmast & upper Main topmast stays & bel spraker
4	9							
5	8		S by W					
6	8							
7	8							7.30 out sidings
8	8							8 bel 2nd & Main topmast stays & bel spraker
9	9		W by N	NW				
10	10							
11	10							
12	10							Midnight strong breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	248.4	229 m	153.1	170.3	44.24	44.43	36° W	246.0 m	28.44 W
1	9	W by N							
2	9								
3	9								
4	9								
5	10								
6	10								
7	10								
8	11								
9	12	W by N							
10	12								
11	12								
P.M. 12	11								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	12		W by N	NW				all hands for an hour shifting
2	12							Monitors and old sails down for repairs
3	12		W by N					Balance of day employed as yesterday
4	12		W by N	NW				
5	12							
6	12							
7	11							but sidings & saved up sails and attended pumps
8	11							
9	11	5						
10	11	5						
11	11	5						
12	11	5						Midnight strong breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	259.4	259 m	98.4	251.8	42.57	43.25	30° W	256 m	24.40 W
1	11	W by N							
2	11								
3	11								
4	11								
5	8								
6	8								
7	8								
8	8								
9	8								
10	8								
11	8								
P.M. 12	7								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	6		W by N	NW				Very fine weather light breeze
2	6							
3	6							
4	6							
5	4							
6	4							
7	4							
8	3							
9	2							
10	2							
11	2		W by N	NW				
12	1							Midnight light air and calm

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	273.4	69 m	27.1	65.5	43.05	42.45	20° W	91 m	23.55 W
1	2 1/2	W by N							
2	1 1/2								
3	1 1/2								
4	1 1/2								
5	3	W by N							
6	3								
7	3								
8	4								
9	5	W by N							
10	"								
11	"								
P.M. 12	"								

Journal from West Lntpool towards New York

Journal from West Lntpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	10		N by N	4 by 10					Monday day of August 18 90
2	10		"	"					Strong breeze and clear
3	10		"	"					Hands employed as yesterday
4	10		"	"					3.30 In fore and main Rigels
5	10		N by W	4 by 10					Light weather freshening breeze
6	10		"	"					in fore and main Rigels
7	5	5	N by W	"					Put out side lights
8	5	5	S by W	West					Pumps regularly attended to
9	4		S by W	W by N					and attended Pumps
10	4		"	"					
11	4		"	"					
12	4		"	"					Midnight light breeze & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	149 1/2	138 m	28.4	134.4	42.14	42.26	20 1/2 W	195 m	31.00 W
1	5	1 1/2	41.14						Put Rigels out and main Rigels
2	5	"	"						
3	5	"	"						Put fore Rigels
4	5	"	"						" " " Rigels
5	8	"	"						
6	8	"	"						Hands scrubbing paint
7	8	"	"						
8	9	"	"						
9	9	"	"						
10	9	"	"						
11	10	"	"						
P.M. 12	10	"	"						Now fresh breeze and clear

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	10	5	N by W	North					Tuesday day of August 18 90
2	10	5	"	"					Hands employed as yesterday
3	10	5	"	"					Steady breeze and fair weather
4	10	5	"	"					
5	8		"	"					
6	8		"	"					
7	8		"	"					Pumps regularly attended to
8	8		"	"					4.15 Put out side lights
9	7		"	"					
10	7		"	"					
11	7		"	"					
12	8		"	"					Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	182.30	181 m	24 m	179.20	42.02	42.00	20 1/2 W	241 m	41.01
1	6	"	"						
2	6	"	"						
3	6	"	"						
4	6	"	"						Modest breeze
5	6	"	"						5.15 Look in side lights
6	6	"	"						
7	6	"	"						
8	6	"	"						Hands employed painting ship
9	5	"	"						
10	5	"	"						
11	5	"	"						
P.M. 12	5	"	"						Now light breeze & clear weather

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	2	5	N by W	North					Wednesday day of August 18 90
2	2	5	"	"					Light breeze very fine weather all
3	2	5	"	"					hands painting ship
4	2	5	"	"					
5	2	5	"	"					
6	2	5	"	"					Put out side lights
7	2	5	"	"					Pumps regularly attended to
8	2	5	"	"					bottom and clear
9			"	"					
10			"	"					Light sea and calm
11			"	"					
12			"	"					Midnight calm and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	West	29 miles	22.0	29. m	42.04	42.04	20 1/2 W	40 m	41.41 W
1									
2									
3									Light sea and calm
4									Bottom not showing
5									
6									5.30 Look side lights in
7									
8									Hands painting ship
9	2	5	N by W	E by S					Light sea and calm
10	2	5	"	"					
11	2	5	"	"					
P.M. 12	2	5	"	"					Now light sea and clear weather

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	2	5	N by W	E by S					Thursday day of August 18 90
2	2	5	"	"					Light weather sea
3	2	5	"	"					Hands employed as yesterday
4	2	5	"	"					
5	2	5	"	"					Light sea and smooth sea
6	2	5	"	"					
7	2	5	"	"					Pumps regularly attended to
8	2	5	"	"					4 Put out side lights
9	2	2 1/2	"	"					
10	2	2 1/2	"	"					
11	2	2 1/2	"	"					
12	2	2 1/2	"	"					Midnight light sea and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	185 1/2	58 miles	5.40	57.4	42.04	42.04	20 1/2 W	48 miles	42.59
1	1	2 1/2	N by W	E by S					
2	1	2 1/2	"	"					
3	1	2 1/2	"	"					
4	1	2 1/2	"	"					
5	3	"	"	"					5 Look in side lights
6	3	"	"	"					Hands doing masts and down and
7	3	"	"	"					chain work
8	3	"	"	"					
9	3	"	"	"					
10	3	"	"	"					
11	3	"	"	"					Hands employed variously
P.M. 12	3	"	"	"					Now light breeze and clear

Journal

Ship Challenger from West Portpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	H		N.W.	East				22nd day of August 1890 Hands variously employed
2	H		"	"				Light breeze and fine weather
3	H		"	"				
4	H		"	"				
5	H		"	"				
6	5		"	"				Pumps carefully attended to
7	5		"	"				Put out sidelights
8	5		"	"				
9	H 5		"	"				
10	H 5		"	"				
11	H 5		"	"				
12	H 5		"	"				Midnight moderate & clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	192.30	118.00	15.4	114.00	41.45	41.43	2' 0" W	158.00	45.34	See

1	H		N.W.	East						
2	5		"	"						
3	5		"	"						
4	5		"	"						Moderate and clear
5	5		"	"						Put out sidelights
6	5		"	"						
7	6		"	"						
8	6		"	"						Hands employed painting ship outside
9	6		"	"						
10	6		"	"						
11	6		"	"						
P.M. 12	6		"	"						Noon moderate breeze & clear

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	5	5	N.W.	0				23rd day of August 1890 Hands painting ship outside
2	5	5	"	"				
3	5	5	"	"				
4	5	5	"	S.E.				Light breeze from S.E.
5	5		"	"				
6	5		"	"				
7	5		"	"				Pumps carefully attended to
8	5		"	"				7.15 Put out sidelights
9	H 5		"	"				
10	H 5		"	"				
11	H 5		"	"				
12	H 5		"	"				Midnight light breeze & clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	195.33	131.00	10.20	130.00	41.33	41.54	2' 0" W	145.00	48.32	See

1	5	5	N.W.	Variable						
2	5	5	"	"						
3	5	5	"	"						
4	5	5	"	"						
5	6 2 1/2		"	S.E.						Put out sidelights
6	6 2 1/2		"	"						
7	6 2 1/2		"	"						Kept decks and cleared beams
8	6 2 1/2		"	"						work
9	7		"	"						
10	7		"	"						Shipping Sabbath
11	7		"	"						
P.M. 12	7		"	"						Noon moderate and clear

Journal

Ship Challenger from West Portpool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	6		N.W.	S.E.				24th day of August 1890 Moderate breeze and fine weather
2	7		"	"				
3	7		"	"				Shipping Sabbath
4	7		"	"				Lighted two Barks steering East
5	7		"	"				
6	5		"	"				Pumps carefully attended to
7	5		"	"				7.15 Put out sidelights
8	6		"	"				
9	6 5		"	"				Light breeze and clear
10	7		"	"				
11	7 2 1/2		"	"				
12	7 2 1/2		"	"				Midnight moderate breeze & cloudy

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	195.30	209.00	16.4	208.00	41.38	41.51	2' 0" W	240.00	52.32	See

1	7		N.W.	South						
2	7		"	"						
3	7		"	"						Squally banded clouds
4	7		"	"						but no sun visible
5	11		"	"						Put in sidelights
6	11		"	"						
7	12		"	"						Hands scrubbing decks
8	12		"	"						
9	12		"	"						
10	12		"	"						
11	12		"	"						
P.M. 12	12		"	"						Noon pleasant breeze & clear

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	10		N.W.	S.E.				25th day of August 1890 Pleasant breeze & clear weather
2	10		"	"				Hands employed as yesterday
3	10		"	"				or squally with rain banded the
4	10		"	"				dark clouds.
5	8		"	"				Moderate and baffling breeze squalls
6	8		"	"				at intervals
7	9		"	"				7.15 Put out sidelights and set royals
8	9		"	"				Steady breeze and clear Pumps attended
9	9		"	"				
10	9		"	"				
11	9		"	"				
12	9		"	"				Midnight steady breeze and clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	195.00	196.00	14.7	184.5	41.38	41.33	2' 0" W	252.00	56.44	See

1	7	5	N.W.	S.E.						
2	7	5	"	"						
3	7	5	"	"						
4	7	5	"	"						
5	7	5	"	"						Put in sidelights
6	7	5	"	"						
7	8		"	"						Hands employed scrubbing decks
8	8		"	"						
9	5		N.W.	S.E.						Squally banded clouds and fog
10	5		"	"						and mizzens topgallant masts
11	5		"	"						
P.M. 12	5		"	"						Noon cloudy poor observations

Journal from West Point towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	2	5	N by E	N by W				Spends 25 yesterday
2	2	5	N by E	N by W				1. 35 Sailed ship
3	2	5						Shiny breeze
4	2	5						Shady breeze and clear
5	2	5						
6	2	5						
7	2	5	N by E	N by W				Out sailing
8	2	5						Pumps thoroughly attended to
9	2	5	N by E	N by W				
10	2	5						
11	2	5						
12	2	5						Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	135.4	43 m	58.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
1	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
2	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
3	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
4	4	2.8	2.8	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
5	6	4.2	4.2	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
6	6	4.2	4.2	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
7	6	4.2	4.2	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
8	6	4.2	4.2	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
9	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
10	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
11	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
P.M. 12	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	2	5	N by E	N by W				Spends 25 yesterday
2	2	5	N by E	N by W				1. 35 Sailed ship
3	2	5						Shiny breeze
4	2	5						Shady breeze and clear
5	2	5						
6	2	5						
7	2	5	N by E	N by W				Out sailing
8	2	5						Pumps thoroughly attended to
9	2	5	N by E	N by W				
10	2	5						
11	2	5						
12	2	5						Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	140.4	43 m	58.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
1	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
2	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
3	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
4	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
5	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
6	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
7	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
8	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
9	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
10	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
11	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
P.M. 12	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41

Journal from West Point towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	2	5	N by E	N by W				Spends 25 yesterday
2	2	5	N by E	N by W				1. 35 Sailed ship
3	2	5						Shiny breeze
4	2	5						Shady breeze and clear
5	2	5						
6	2	5	N by E	N by W				Out sailing
7	2	5						Pumps thoroughly attended to
8	2	5	N by E	N by W				
9	2	5						
10	2	5						
11	2	5						
12	2	5						Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	140.4	43 m	58.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
1	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
2	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
3	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
4	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
5	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
6	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
7	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
8	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
9	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
10	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
11	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
P.M. 12	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.	Barometer.	REMARKS.
AIR.	WATER.							
A.M. 1	2	5	N by E	N by W				Spends 25 yesterday
2	2	5	N by E	N by W				1. 35 Sailed ship
3	2	5						Shiny breeze
4	2	5						Shady breeze and clear
5	2	5						
6	2	5	N by E	N by W				Out sailing
7	2	5						Pumps thoroughly attended to
8	2	5	N by E	N by W				
9	2	5						
10	2	5						
11	2	5						
12	2	5						Midnight light breeze and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	140.4	43 m	58.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
1	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
2	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
3	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
4	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
5	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
6	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
7	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
8	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
9	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
10	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
11	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41
P.M. 12	2	1.4	1.4	41.3	40.25	39.29	23 W	54.44	55.5. 20. 41

Journal from West Point towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	10		NW 1/4 NW						30th day of August 1890
2	10								2.15.00 breeze 220 sail set to the best advantage
3	10								Hands painting ship and cleaning decks
4	10								
5	10		NW 1/4 NW						
6	10								2.45.00 breeze landed 200 lbs
7	10								5.30 out sailing 1/2 and 1/2 then did pumps 1/2 day
8	10								6 o'clock very heavy rain
9	8		NW						7.30 landed 200 lbs 200 lbs span
10	8								See and water 1/2
11	8								Midnight strong breeze & cloudy
12	8								

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/4 W	220 m	50.0 N	220.5	40.28	40.38	23' W	288 m	61.18	about 60.00
1	9 5	N 1/4 W							
2	9 5								2.1.11 out flying jib and
3	9 5								Boatjack made moderate
4	9 5								
5	10	NW							Pumps overboard attended to
6	10								ship making no water
7	10								
8	10								
9	10	N 1/4 W							Wind moderating at 11.00
10	10								200 lbs 200 lbs
11	10								See moderate & clear out for today
P.M. 12	11								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	12.30		NW 1/4 NW						31st day of August 1890
2	12.30								1.00.00 1/2 and 1/2 day
3	12.30								2.15.00 wind backed to 200, 2.45.00 breeze with every appearance of duty against clewed up the then 200 lbs and called
4	12.30								22 hands to 200 lbs, 3.00.00 up and 3.45.00 200 lbs 200 lbs
5	12.30								Boatjack and 200 lbs 200 lbs, 4.00.00 200 lbs 200 lbs
6	12.30								200 lbs 200 lbs, 4.45.00 200 lbs 200 lbs
7	12.30								200 lbs 200 lbs, 5.00.00 200 lbs 200 lbs
8	12.30								200 lbs 200 lbs, 5.45.00 200 lbs 200 lbs
9	12.30								200 lbs 200 lbs, 6.00.00 200 lbs 200 lbs
10	12.30								200 lbs 200 lbs, 6.45.00 200 lbs 200 lbs
11	12.30								200 lbs 200 lbs, 7.00.00 200 lbs 200 lbs
12	12.30								200 lbs 200 lbs, 7.45.00 200 lbs 200 lbs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/4 W	220 m	50.0 N	220.5	40.28	40.38	23' W	288 m	61.18	about 60.00
1	9 5	N 1/4 W							
2	9 5								
3	9 5								
4	9 5								
5	10	NW							
6	10								
7	10								
8	10								
9	10	N 1/4 W							
10	10								
11	10								
P.M. 12	11								

Journal from West Point towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	10		NW 1/4 NW						30th day of September 1890
2	10								Ship lying in trough of sea
3	10								2.15.00 200 lbs 200 lbs
4	10								2.45.00 200 lbs 200 lbs
5	10								3.00.00 200 lbs 200 lbs
6	10								3.45.00 200 lbs 200 lbs
7	10								4.00.00 200 lbs 200 lbs
8	10								4.45.00 200 lbs 200 lbs
9	10								5.00.00 200 lbs 200 lbs
10	10								5.45.00 200 lbs 200 lbs
11	10								6.00.00 200 lbs 200 lbs
12	10								6.45.00 200 lbs 200 lbs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/4 W	220 m	50.0 N	220.5	40.28	40.38	23' W	288 m	61.18	about 60.00
1	9 5	N 1/4 W							
2	9 5								
3	9 5								
4	9 5								
5	10	NW							
6	10								
7	10								
8	10								
9	10	N 1/4 W							
10	10								
11	10								
P.M. 12	11								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1	12.30		NW 1/4 NW						31st day of September 1890
2	12.30								1.00.00 1/2 and 1/2 day
3	12.30								2.15.00 wind backed to 200, 2.45.00 breeze with every appearance of duty against clewed up the then 200 lbs and called
4	12.30								22 hands to 200 lbs, 3.00.00 up and 3.45.00 200 lbs 200 lbs
5	12.30								Boatjack and 200 lbs 200 lbs, 4.00.00 200 lbs 200 lbs
6	12.30								200 lbs 200 lbs, 4.45.00 200 lbs 200 lbs
7	12.30								200 lbs 200 lbs, 5.00.00 200 lbs 200 lbs
8	12.30								200 lbs 200 lbs, 5.45.00 200 lbs 200 lbs
9	12.30								200 lbs 200 lbs, 6.00.00 200 lbs 200 lbs
10	12.30								200 lbs 200 lbs, 6.45.00 200 lbs 200 lbs
11	12.30								200 lbs 200 lbs, 7.00.00 200 lbs 200 lbs
12	12.30								200 lbs 200 lbs, 7.45.00 200 lbs 200 lbs

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
N 1/4 W	220 m	50.0 N	220.5	40.28	40.38	23' W	288 m	61.18	about 60.00
1	9 5	N 1/4 W							
2	9 5								
3	9 5								
4	9 5								
5	10	NW							
6	10								
7	10								
8	10								
9	10	N 1/4 W							
10	10								
11	10								
P.M. 12	11								

Journal from *Ship Challenge* West Liverpool towards New York

Ship Chandler

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1			S E	N W					Wednesday day of September 18 90 Boats working until dark re- gaining and fishing for yard unwearing topsails fore and getting fore tackle upon main masts and other jobs to require us to mention to block ship being much easier. Little or no wind and smooth sea 6.30 Pumps carefully attended to Midway Lt running very little and spoke German Barge
2			"	"					
3			"	"					
4			"	"					
5			"	"					
6			"	"					
7			"	"					
8			"	"					
9			"	"					
10			"	"					
11			"	"					
12			"	"					

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.						40. 10. N				60. 04 W
1	SE		N 4 W							
2	"		"							
3	"		"							
4	"		"							
5	"		"							
6	"		"							
7	"		"							
8	"		"							
9	SW		SW 1/4 W							
10	SW 1/4 W		"							
11	"		"							
P.M. 12	"		"							

Running Light 5.30 turned to
 swept up decks and bent fore
 and then breakfast.
 After breakfast clearing away
 work of men getting prepared
 to leave Main Yard in place
 and Main Mast 3 or 4 ft at
 Lagoon and under ship

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A. M. 1	S		N. by E	N. by E					Monday 28 th day of September 1890 to supplyed putting fore and aft sails on fore and main masts getting main stays putting gear of foremast in order and when necessary sawed out 3 spoke S. S. Mains & set the fore main. Set fore daly 10 days with watches 1 on each of the four watches
2	S		"	"					
3	S		"	"					
4	S		"	"					
5	S		"	"					
6	S		"	"					
7	S		"	"					
8	S		"	"					
9	S		"	"					
10	S		"	"					
11	S		"	"					
12	S		"	"					Midday 1st light breeze & clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.						59. 18. N			60. 52 W	
1	2	1/2 N 1/2 E								
2	2									
3	2									
4	2									
5	2									
6	2									
7	2									
8	2									
9	2									
10	2									
11	2									
P.M. 12	2									

I went to at 5.30 imploye
squares Main Road &c &c
After breakfast set up Main
Flag and set it up and
Commenced putting up Main
sign
At noon light breeze & clear

Journal from *Ship C. J. Menzies*
New York 4th Feb. 1852 onwards *New York*

Copyrighted, 1852, by JOHN BLISS & CO.

Sup Chas Menzel

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A.M. 1									Friday 8 th day of September 1890
2									Boats employed setting up main
3									topping & securing main yard to
4									Excess no steady wind
5									Excess
6									
7									As pumps carefully attended to
8									Put out sidelights
9									
10									
11									
12									With wind moderate breeze & clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
P.M. 12										

Look in Redbook at School
 Bonds employed. Informer was
 pri2 looking up Hicks Carpenter
 with Capt and two men employ
 trying to find their yard making
 and bond &c &c

Noon, cloudy sun obscure

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
						AIR.	WATER.		
A. M. 1	2		Nath	West					Saturday 6 th day of September 18 90 Squally weather split Royal Star hoil used as g-l the haping in the head coming away
2	2		.	.					
3	2		.	.					
4	2		.	.					
5	2		.	.					
6	2		.	.					Dumps carefully attended to Hire ship and put out sailing
7	.		.	.					
8	.		.	.					
9	.		W N W	West					
10	.		.	.					Set Main stayline
11	.		.	.					
12	.		.	.					Midnight moderate and clear

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.						59. 23				50. 50 1/2
1	S	11 1/4	1 1/2							
2	.	.	.							
3	.	.	.							
4	.	.	.							
5	.	.	1 1/2							
6	.	.	.							
7	.	.	.							
8	.	.	.							
9	.	.	.							
10	.	.	.							
11	.	.	.							
P.M. 12	.	.	.							

Look in sailing like and square yards

Supper 6 o'clock

Worm moderate & clear

Journal
Copyrighted, 1883, by JOHN BLISS & CO

Ship Charge

West Linton

towards New York

Midway bet pleasant breeze & clear

40.00			61.18
-------	--	--	-------

Look in editings and learned
to at 5. 20 Employed reviewing
manuscript and adding year abt
for binding 20

Now Ready Bunge & Bear

REMARKS. *Monday* ^{8th} day of *September* 18*90*
Employed bending mureaux
and fitting yill stay lining
up decks and getting up Bar
rie of Beef and Pork
Pumps carefully attended to
and out holdings

Midnight moderate and Cloudy

40.18				60.30 9
-------	--	--	--	---------

5. 31 Moved to G. H. Beege
Farm. To rest stock in winter past
lands employed getting up
hay on 2 or 3 and then start
for carrying fire and then hay back
and building rails on do

Warm light and clear weather

Journal

Slip Chest Manager

Ship Obs
Wes Hart Pool

towards New York

Drumms carefully attended to
let the water be two men and one
Note in each water
yoback put out sailing the

My dear Mr. Colver and Dear

MON. BY CBS.	TUESDAY	WED. BY MON.	THUR. BY T. W.	MON. BY CBS.
116 12 ✓				63 15 ✓

Employed pumping water out
of South ¹¹¹ Pond and filling
West Pond on Port side separating
Harbour &c &c

Settled & sent soft Main Spencer Gaff
Nov. 17, 1881 Beebe & Chase

REMARKS. " " day of September 18 90
Light breeze and clear
Winds variously employed

Light breeze
Cool and comfortable
Winds perfectly attended to

Nothing but light breeze & clear

40: 34				64: 22
--------	--	--	--	--------

Lysa huge out bloody
Took in Schelzlets
Lands variously employed

Nov moderate breeze and clear

Journal

from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	H		W by N	SE				Thursday 12 th day of September 1890
2	H							Employed getting up new stowage
3	H							gaff and securing gear for
4	H							forward Bertha
5	H							Moderate breeze and clear
6	H							6.30 Put out sidelayals
7	5		W by N					Pumps carefully attended to
8	5							Moderate breeze and clear
9	H							
10	H							
11	H							
12	H							Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	182.50 N	29 m	1.9	115.0	40.36	40.32	13 W	115	65.53 65.33
1	3		W by N	South					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	H								
11	H								
P.M. 12	H								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	3	5	W by N	SE				Friday 12 th day of September 1890
2	3	5						Employed cleaning up in main
3	3	5						deck
4	3	5						
5	3	5						
6	3	5						6.30 Put out sidelayals
7	3	5						Pumps carefully attended to
8	3	5						
9	3	5						
10	3	5						
11	3	5						
12	3	5						Midnight light breeze & clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	186.15 N	41 m	5.00	10.87	40.24	40.24	15 W	92 m	64.10 66.10
1	3		W by N	SE					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	H								
11	H								
P.M. 12	H								

Journal

from West Hartlepool towards New York

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	3	5	W by N	SE				Saturday 13 th day of September 1890
2	3	5						Employed working leads
3	3	5						
4	3	5						
5	3	5						Clearing brass with
6	3	5						Light breeze and clear
7	3	5						5.30 Put out sidelayals
8	3	5						Pumps carefully attended to
9	3	5						
10	3	5						
11	3	5						Passed 2 steamers steering E and
12	3	5						Midnight moderate and clear

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	184.24	37 m	2.81	55.84	40.30			11 W	86 m 67.41 68.20
1	3		W by N	SE					
2	3								
3	3								
4	3								
5	3								
6	3								
7	3								
8	3								
9	3								
10	3								
11	3		W by N	W					
P.M. 12	3								

H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer. AIR. WATER.	Barometer.	REMARKS.
A.M. 1	1	5	N by W	W by N				Sunday 14 th day of September 1890
2	1	5						Shipping visible heavy rain and
3	1	5						cloudy weather
4	1	5	N by W					5.30 Spoke French steamer La Tour
5	1	5						maiden bound to New York who sent
6	1	5						a boat alongside and asked if we
7	1	5						required assistance also took letters
8	1	5						for the Captain.
9	1	5	West	SE				5.30 S.D. Caledonia bound to New
10	1	5						York spoke us and offered assistance
11	1	5						Stages. Put sidelayals
12	1	5						3 pumps carefully attended to

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON.	184.28	38 m	01.00	28.04	40.31			9 W	57 m 68.54
1	1		West	SE					
2	1								
3	1								
4	1								
5	1								
6	1								
7	1								
8	1								
9	1								
10	1								
11	1								
P.M. 12	1								

Journal from *Boston* towards _____
Copyrighted, 1883, by JOHN ELISS & CO.

	H	K	F	COURSES.	WINDS.	LEEWAY.	Thermometer.		Barometer.	REMARKS.
							AIR.	WATER.		
										Sunday day of September 1890
A.M. 1				Employed in afternoon scrubbing Bulwarks and cleaning off						
2				gunnery with food and soda, left at 3 ³⁰ Manned the windlass						
3				tore up the anchor and left Boston for Bath at 1 o'clock in fore						
4				of the S. B. Rogers, a ship by the run boats to work the ship						
5				got up showing lines and landed 3 o'clock Cape Ann light bore						
6				N. W. by W distance 10 miles 15 o'clock Bear Island light bore						
7				" N. W. by W 5 miles, N. W. by E moderate and clear						
8				Sunday September 21 at 12.15 A.M. Light very dark light bore						
9				N. E. by N. 1/2 N. and Cape Elizabeth W. by N. 1/2 N.						
10				6 o'clock entered the River 8.20 stood along side the wharf in						
11				Bath Harbor, cleared up decks discharged gunners and packed						
12				our off at 11 o'clock. Dis made the terms of agreement ship moved						

	Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
NOON	118	12	1.1	1.1	1.1	1.1				

1	to the Gulf of Mexico, Log Ship Challenge lying along side
2	of ship in Port of Harbor.
3	Monday September 22nd 1930.

[illegible][illegible][illegible][illegible]

Journal from towards

[illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

[illegible][illegible][illegible]

Course.	Distance.	Diff. of Lat.	Departure.	Lat. by D. R.	Lat. by Obs.	Variation.	Diff. of Lon.	Lon. by D. R.	Lon. by Obs.
---------	-----------	---------------	------------	---------------	--------------	------------	---------------	---------------	--------------

NOON.	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
P.M. 12	

Journal from

towards

H K F

COURSES.

WINDS.

LEEWAY.

Thermometer.
AIR. WATER.

Barometer.

REMARKS.

day of

18

A.M. 1

2

3

4

5

6

7

8

9

10

11

12

NOON.

1

2

3

4

5

6

7

8

9

10

11

P.M. 12

H K F

COURSES.

WINDS.

LEEWAY.

Thermometer.
AIR. WATER.

Barometer.

REMARKS.

day of

18

A.M. 1

2

3

4

5

6

7

8

9

10

11

12

NOON.

1

2

3

4

5

6

7

8

9

10

11

P.M. 12

Journal from

towards

H K F

COURSES.

WINDS.

LEEWAY.

Thermometer.
AIR. WATER.

Barometer.

REMARKS.

day of

18

A.M. 1

2

3

4

5

6

7

8

9

10

11

12

NOON.

1

2

3

4

5

6

7

8

9

10

11

P.M. 12

H K F

COURSES.

WINDS.

LEEWAY.

Thermometer.
AIR. WATER.

Barometer.

REMARKS.

day of

18

A.M. 1

2

3

4

5

6

7

8

9

10

11

12

NOON.

1

2

3

4

5

6

7

8

9

10

11

P.M. 12

July 30 opened Box of Beef
Box of coil of Rope
5 thread string
August 14th opened Box of Beef
Box of coil of Rope

G91.111

